

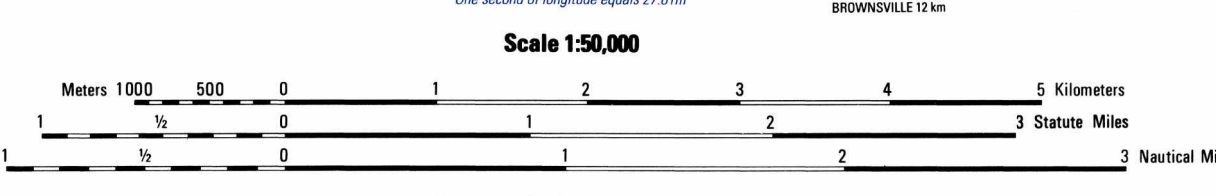
Prepared by the U.S. Geological Survey for Publication by the National Imagery and Mapping Agency

LEGEND

POPULATED PLACES
 Specially to moderately built-up areas
 Roads
 All weather, hard surface
 One lane wide
 All weather, loose or light surface
 Two or more lanes wide
 One lane wide
 Fair or dry weather, loose surface
 Track
 Trail
 Route markers: Interstate, National, Secondary
 RAILROADS
 Normal gauge 1.4m (4'8 1/2")
 Narrow gauge 0.91m (3')
 Electrified
 BRIDGES
 Pedestrian
 Standard
 Culvert
 MISCELLANEOUS CULTURAL FEATURES
 Church
 Cemetery
 Building: School, Hospital
 Located object: Tank, Well
 Other: Active, Abandoned
 Area name: Rangelville

OBSTRUCTIONS
 Elevation of obstruction top above sea level
 Elevation of obstruction top above ground level
 High tension power line
 communication tower
 BOUNDARIES
 International
 First-order administrative division
 RELIEF
 Bluff, cliff, escarpment
 Depression
 Level: Spot
 Spot elevation: Highest, Normal
 DRAINAGE
 Stream: Less than 25m wide, Over 25m wide
 Lake/pond
 Spring
 Well
 Ditch
 Less than 25m wide, Over 25m wide
 Tank
 Disappearing stream
 Land subject to inundation
 VEGETATION
 Woodland
 Orchard, Vineyard

NOTES
 A LANE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS (8 FEET) WIDE.
 ROAD CLASSIFICATION SHOULD BE REFERRED TO WITH CAUTION.
 IN DEVELOPED AREAS ONLY THROUGH ROADS ARE CLASSIFIED.
 CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.
 THE NUMBER IN BRACKETS, IF FOLLOWING THE POPULATED PLACE NAME INDICATES THAT MORE THAN ONE PLACE IS SO NAMED ON THIS MAP.
 SLOPES ON THIS MAP ARE LESS THAN 5%.



ELEVATIONS IN METERS
CONTOUR INTERVAL 5 METERS
 SUPPLEMENTARY CONTOURS 2.5 METERS

ELLIPSOID: WORLD GEODETIC SYSTEM 1984
 GRID: 1,000-METER UTM ZONE 14 (BLACK NUMBERED LINES)
 5,000-METER STATE GRID TICS, TEXAS (SOUTH ZONE)
 PROJECTION: TRANSVERSE MERCATOR
 VERTICAL DATUM: NATIONAL GEODETIC DATUM OF 1929
 HORIZONTAL DATUM: WORLD GEODETIC SYSTEM 1984
 PREPARED BY: U.S. GEOLOGICAL SURVEY

CONVERSION GRAPH
 (1 meter = 3.28 feet)

100 METER REFERENCE
 1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point, 12.3
 2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point, 45.6
 Example: 123456

100,000 M. SQUARE IDENTIFICATION
 PQ 100
 PP
 GRID ZONE DESIGNATION
 14R

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER IDENTIFICATION IN WHICH THE POINT LIES.
 Example: PP123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
 Example: 14RP123456

GRID CONVERGENCE
 0°38' (198' MILS)
 FOR CENTER OF SHEET

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
 ADD G-M ANGLE

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
 SUBTRACT G-M ANGLE

THIS MAP IS RED AND BLUE/GREEN LIGHT READABLE

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